

## AMENDMENTS

### In the Claims

Please substitute the claims as indicated below for claims of the same number.

1. (Currently Amended): A pharmaceutical carrier device comprising a layered flexible film having a first water-erodable adhesive layer to be placed in contact with a mucosal surface, a second, water-erodable non-adhesive backing layer, and a pharmaceutical incorporated with said first layer, said second layer, or both layers, wherein said first water-erodable adhesive layer comprises a film-forming polymer and a bioadhesive polymer, and is free of a plasticizer, and wherein said second, water-erodable non-adhesive backing layer comprises a film-forming polymer hydroxyethyl cellulose.
2. (Original): The pharmaceutical carrier device of claim 1, wherein said first water-erodable layer comprises an alkyl cellulose or hydroxyalkyl cellulose and a bioadhesive polymer.
3. (Previously Presented): The pharmaceutical carrier device of claim 1, wherein said first water-erodable adhesive layer comprises a film forming polymer selected from the group consisting of hydroxyethyl cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, hydroxyethyl methyl cellulose, polyvinyl alcohol, polyethylene glycol, polyethylene oxide, ethylene oxide-propylene oxide co-polymers, collagen, gelatin, albumin, polyaminoacids, polyphosphazenes, polysaccharides, chitin, and chitosan, alone or in combination, and a bioadhesive polymer selected from the group consisting of polyacrylic acid, polyvinyl pyrrolidone, and sodium carboxymethyl cellulose, alone or in combination.
4. (Cancelled)
5. (Original): The pharmaceutical device of claim 1, wherein a pharmaceutical is incorporated with said first water-erodable adhesive layer.
6. (Original): The pharmaceutical device of claim 1, wherein said layered film has two layers and a total thickness of from 0.1 mm to 1 mm.

7. (Original): The pharmaceutical device of claim 1 which further comprises a third layer between said first adhesive layer and said second backing layer and wherein said third layer is a water-erodable, adhesive layer which has a surface area sufficient to encompass said first adhesive layer and contact the mucosal surface.

8. (Original): The pharmaceutical device of claim 7, wherein a pharmaceutical is incorporated with said first adhesive layer.

9. (Original): The pharmaceutical device of claim 1, wherein one or more of the layers further comprises a component which acts to adjust the kinetics of the erodability of the device.

10. (Original): The pharmaceutical device of claim 9 wherein the component is a water-based emulsion of polylactide, polyglycolide, lactide-glycolide copolymers, poly- $\epsilon$ -caprolactone, polyorthoesters, polyanhydrides, ethyl cellulose, vinyl acetate, cellulose acetate, or polyisobutylene, alone or in combination.

11. (Cancelled)

12. (Original): The pharmaceutical device of claim 7, wherein one or more of the layers further comprises a component which acts to adjust the kinetics of the erodability of the device.

13. (Original): The pharmaceutical device of claim 12 wherein the component is a water-based emulsion of polylactide, polyglycolide, lactide-glycolide copolymers, poly- $\epsilon$ -caprolactone, polyorthoesters, polyanhydrides, ethyl cellulose, vinyl acetate, cellulose acetate, or polyisobutylene, alone or in combination.

14. (Cancelled)

15. (Original): The pharmaceutical device of claim 1, wherein said pharmaceutical incorporated within said first layer, said second layer, or both layers comprises an anti-inflammatory analgesic agent, a steroidal anti-inflammatory agent, an antihistamine, a local anesthetic, a bactericide, a disinfectant, a vasoconstrictor, a hemostatic, a chemotherapeutic drug, an antibiotic, a keratolytic, a cauterizing agent, an antiviral, an antirheumatic, an

antihypertensive, a bronchodilator, an anticholinergic, an antiemetic, a hormone, a macromolecule, a peptide, a protein, or a vaccine alone or in combination.

16. (Original): The pharmaceutical device of claim 1, wherein said first water-erodable adhesive layer comprises hydroxypropyl cellulose, hydroxyethyl cellulose, polyacrylic acid, and sodium carboxymethyl cellulose; said second water-erodable non-adhesive backing layer comprises hydroxyethyl cellulose and hydroxypropyl cellulose; and wherein said pharmaceutical comprises dyclonine HCl.

17. (Currently Amended): A layered flexible film disk which adheres to mucosal surfaces for the localized delivery of a pharmaceutical, comprising a first water-erodable adhesive layer and a second, water-erodable non-adhesive backing layer, wherein said pharmaceutical or combination of pharmaceuticals is incorporated with said first adhesive layer, or said second non-adhesive backing layer, or both said first adhesive layer and said second non-adhesive backing layer, and wherein said first water-erodable adhesive layer comprises a film-forming polymer and a bioadhesive polymer, and is free of a plasticizer, and wherein said second water-erodable non-adhesive backing layer comprises ~~a film-forming polymer~~ hydroxyethyl cellulose, said layered flexible film having a total thickness of from 0.1 mm to 1 mm.

18. (Original): The layered film disk of claim 17, wherein said pharmaceutical or combination of pharmaceuticals comprises an anti-inflammatory analgesic agent, a steroidal anti-inflammatory agent, an antihistamine, a local anesthetic, a bactericide, a disinfectant, a vasoconstrictor, a hemostatic, a chemotherapeutic drug, an antibiotic, a keratolytic, a cauterizing agent, an antiviral, an antirheumatic, an antihypertensive, a bronchodilator, an anticholinergic, an antiemetic, a hormone, a macromolecule, a peptide, a protein, or a vaccine, alone or in combination.

Claims 19-32 (Cancelled)

33. (Currently Amended): The carrier device of ~~Claim~~ claim 1 wherein the carrier device has a solvent content of from about 1 to about 15 % by weight.

34. (Currently Amended): A layered flexible film that adheres to mucosal surfaces for the delivery of a flavoring agent to the oral cavity comprising a first water-soluble adhesive layer and a second water-soluble non-adhesive backing layer, wherein said first water-soluble adhesive layer comprises a film-forming polymer and a bioadhesive polymer and is free of a plasticizer, and said second water-soluble non-adhesive backing layer comprises ~~a film-forming polymer~~ hydroxyethyl cellulose, and wherein said flavoring agent is incorporated with said first water-soluble adhesive layer, with said second water-soluble non-adhesive backing layer, or with both said layers.